



COMMERCIAL / INDUSTRIAL USE WARRANTY

Black & Decker warrants this product for one year from date of purchase. We will repair without charge, any defects due to faulty material or workmanship. Please return the complete unit, transportation prepaid, to any Black & Decker Service Center or Authorized Service Station listed under "Tools Electric" in the yellow pages. This warranty does not apply to accessories or damage caused where repairs have been made or attempted by others.

IMPORTANT!

To assure product SAFETY and RELIABILITY, repairs, maintenance and adjustment (including brush replacement) should be performed by BLACK & DECKER Service Centers or other qualified service organizations, always using BLACK & DECKER replacement parts.

FACTORY SALES & SERVICE CENTERS

Area Telephone	Code	Address	Area Telephone	Code	Address
ALABAMA: Birmingham 25209, 10 Green Springs Highway	542-539	NEW JERSEY: Paterson (Little Falls) 07142, Rte 46 East, Union 07083, 23065 U.S. Highway 46, at Lower Morris Rd.	201 256-9373	201 256-9373	NEW JERSEY: Paterson (Little Falls) 07142, Rte 46 East, Union 07083, 23065 U.S. Highway 46, at Lower Morris Rd.
ARIZONA: Phoenix 85024, 5377 E. McPherson Rd.	620-1322	Union 07083, 23065 U.S. Highway 46 West	201 965-7040	201 965-7040	NEW JERSEY: Paterson (Little Falls) 07142, Rte 46 West, (Flagstaff 1-125)
ARKANSAS: Little Rock 72201, 513 West Seventh Street	501 372-3040	1 (Black West of Flagstaff)	501 372-3053	501 372-3053	NEW MEXICO: Albuquerque 87109, 2812 Candelaria Rd. N.E.
CALIFORNIA: Anaheim 92802, 1235 So. Euclid Ave.	714 277-4050	NEW YORK: Albany (Albany) 2110, 212-2277, 2277 Candler Ave.	518 785-1867	518 785-1867	NEW YORK: Albany (Albany) 2110, 212-2277, 2277 Candler Ave.
Fresno 93705, 8000, 2452 S. Broadway	213 289-0371	NEW YORK: Albany (Albany) 2110, 212-2277, 2277 Candler Ave.	716 884-6220	716 884-6220	Buffalo 1-209, 881 W. Main St., 152-153, Erie Ave., Great Neck 1-1021, 965-0275 (Sales only)
Los Angeles 80007, 2452 S. Broadway	213 289-0371	Buffalo 1-209, 881 W. Main St., 152-153, Erie Ave., Great Neck 1-1021, 965-0275 (Sales only)	516 882-9504	516 882-9504	Buffalo 1-209, 881 W. Main St., 152-153, Erie Ave., Great Neck 1-1021, 965-0275 (Sales only)
Las Vegas 85101, 1520 E. Flamingo Rd.	702 756-1010	Buffalo 1-209, 881 W. Main St., 152-153, Erie Ave., Great Neck 1-1021, 965-0275 (Sales only)	516 882-9505	516 882-9505	Buffalo 1-209, 881 W. Main St., 152-153, Erie Ave., Great Neck 1-1021, 965-0275 (Sales only)
Long Beach 80001, 9457 Thru 15200 E. 14th St.	714 275-1010	Buffalo 1-209, 881 W. Main St., 152-153, Erie Ave., Great Neck 1-1021, 965-0275 (Sales only)	516 882-9506	516 882-9506	Buffalo 1-209, 881 W. Main St., 152-153, Erie Ave., Great Neck 1-1021, 965-0275 (Sales only)
Riverside 92505, 4010 Martini Ave.	714 275-9700	Buffalo 1-209, 881 W. Main St., 152-153, Erie Ave., Great Neck 1-1021, 965-0275 (Sales only)	516 882-9507	516 882-9507	Buffalo 1-209, 881 W. Main St., 152-153, Erie Ave., Great Neck 1-1021, 965-0275 (Sales only)
Sacramento 95804, 1915 Seventeenth Street	916 444-3168	Buffalo 1-209, 881 W. Main St., 152-153, Erie Ave., Great Neck 1-1021, 965-0275 (Sales only)	516 882-9508	516 882-9508	Buffalo 1-209, 881 W. Main St., 152-153, Erie Ave., Great Neck 1-1021, 965-0275 (Sales only)
San Diego 92106, 3811 El Cajon Blvd.	714 260-3531	Buffalo 1-209, 881 W. Main St., 152-153, Erie Ave., Great Neck 1-1021, 965-0275 (Sales only)	516 882-9509	516 882-9509	Buffalo 1-209, 881 W. Main St., 152-153, Erie Ave., Great Neck 1-1021, 965-0275 (Sales only)
San Francisco 94106, P.O. Box 231, 1139 Airport Blvd.	415 261-7531	Buffalo 1-209, 881 W. Main St., 152-153, Erie Ave., Great Neck 1-1021, 965-0275 (Sales only)	516 882-9510	516 882-9510	Buffalo 1-209, 881 W. Main St., 152-153, Erie Ave., Great Neck 1-1021, 965-0275 (Sales only)
Van Nuys 91411, 14920 Victory Blvd.	213 787-2277	Buffalo 1-209, 881 W. Main St., 152-153, Erie Ave., Great Neck 1-1021, 965-0275 (Sales only)	516 882-9511	516 882-9511	Buffalo 1-209, 881 W. Main St., 152-153, Erie Ave., Great Neck 1-1021, 965-0275 (Sales only)
CONNECTICUT: Bridgeport 06601, 675 Calhoun St.	303 322-0621	Buffalo 1-209, 881 W. Main St., 152-153, Erie Ave., Great Neck 1-1021, 965-0275 (Sales only)	516 882-9512	516 882-9512	Buffalo 1-209, 881 W. Main St., 152-153, Erie Ave., Great Neck 1-1021, 965-0275 (Sales only)
NEW YORK: 100-102, 1655 Lafayette Circle	203 585-3419	Buffalo 1-209, 881 W. Main St., 152-153, Erie Ave., Great Neck 1-1021, 965-0275 (Sales only)	516 882-9513	516 882-9513	Buffalo 1-209, 881 W. Main St., 152-153, Erie Ave., Great Neck 1-1021, 965-0275 (Sales only)
NEW YORK: 100-102, 1655 Lafayette Circle	203 585-3421	Buffalo 1-209, 881 W. Main St., 152-153, Erie Ave., Great Neck 1-1021, 965-0275 (Sales only)	516 882-9514	516 882-9514	Buffalo 1-209, 881 W. Main St., 152-153, Erie Ave., Great Neck 1-1021, 965-0275 (Sales only)
NEW YORK: 100-102, 1655 Lafayette Circle	203 585-3421	Buffalo 1-209, 881 W. Main St., 152-153, Erie Ave., Great Neck 1-1021, 965-0275 (Sales only)	516 882-9515	516 882-9515	Buffalo 1-209, 881 W. Main St., 152-153, Erie Ave., Great Neck 1-1021, 965-0275 (Sales only)
NEW YORK: 100-102, 1655 Lafayette Circle	203 585-3421	Buffalo 1-209, 881 W. Main St., 152-153, Erie Ave., Great Neck 1-1021, 965-0275 (Sales only)	516 882-9516	516 882-9516	Buffalo 1-209, 881 W. Main St., 152-153, Erie Ave., Great Neck 1-1021, 965-0275 (Sales only)
NEW YORK: 100-102, 1655 Lafayette Circle	203 585-3421	Buffalo 1-209, 881 W. Main St., 152-153, Erie Ave., Great Neck 1-1021, 965-0275 (Sales only)	516 882-9517	516 882-9517	Buffalo 1-209, 881 W. Main St., 152-153, Erie Ave., Great Neck 1-1021, 965-0275 (Sales only)
NEW YORK: 100-102, 1655 Lafayette Circle	203 585-3421	Buffalo 1-209, 881 W. Main St., 152-153, Erie Ave., Great Neck 1-1021, 965-0275 (Sales only)	516 882-9518	516 882-9518	Buffalo 1-209, 881 W. Main St., 152-153, Erie Ave., Great Neck 1-1021, 965-0275 (Sales only)
NEW YORK: 100-102, 1655 Lafayette Circle	203 585-3421	Buffalo 1-209, 881 W. Main St., 152-153, Erie Ave., Great Neck 1-1021, 965-0275 (Sales only)	516 882-9519	516 882-9519	Buffalo 1-209, 881 W. Main St., 152-153, Erie Ave., Great Neck 1-1021, 965-0275 (Sales only)
NEW YORK: 100-102, 1655 Lafayette Circle	203 585-3421	Buffalo 1-209, 881 W. Main St., 152-153, Erie Ave., Great Neck 1-1021, 965-0275 (Sales only)	516 882-9520	516 882-9520	Buffalo 1-209, 881 W. Main St., 152-153, Erie Ave., Great Neck 1-1021, 965-0275 (Sales only)
NEW YORK: 100-102, 1655 Lafayette Circle	203 585-3421	Buffalo 1-209, 881 W. Main St., 152-153, Erie Ave., Great Neck 1-1021, 965-0275 (Sales only)	516 882-9521	516 882-9521	Buffalo 1-209, 881 W. Main St., 152-153, Erie Ave., Great Neck 1-1021, 965-0275 (Sales only)
NEW YORK: 100-102, 1655 Lafayette Circle	203 585-3421	Buffalo 1-209, 881 W. Main St., 152-153, Erie Ave., Great Neck 1-1021, 965-0275 (Sales only)	516 882-9522	516 882-9522	Buffalo 1-209, 881 W. Main St., 152-153, Erie Ave., Great Neck 1-1021, 965-0275 (Sales only)
NEW YORK: 100-102, 1655 Lafayette Circle	203 585-3421	Buffalo 1-209, 881 W. Main St., 152-153, Erie Ave., Great Neck 1-1021, 965-0275 (Sales only)	516 882-9523	516 882-9523	Buffalo 1-209, 881 W. Main St., 152-153, Erie Ave., Great Neck 1-1021, 965-0275 (Sales only)
NEW YORK: 100-102, 1655 Lafayette Circle	203 585-3421	Buffalo 1-209, 881 W. Main St., 152-153, Erie Ave., Great Neck 1-1021, 965-0275 (Sales only)	516 882-9524	516 882-9524	Buffalo 1-209, 881 W. Main St., 152-153, Erie Ave., Great Neck 1-1021, 965-0275 (Sales only)
NEW YORK: 100-102, 1655 Lafayette Circle	203 585-3421	Buffalo 1-209, 881 W. Main St., 152-153, Erie Ave., Great Neck 1-1021, 965-0275 (Sales only)	516 882-9525	516 882-9525	Buffalo 1-209, 881 W. Main St., 152-153, Erie Ave., Great Neck 1-1021, 965-0275 (Sales only)
NEW YORK: 100-102, 1655 Lafayette Circle	203 585-3421	Buffalo 1-209, 881 W. Main St., 152-153, Erie Ave., Great Neck 1-1021, 965-0275 (Sales only)	516 882-9526	516 882-9526	Buffalo 1-209, 881 W. Main St., 152-153, Erie Ave., Great Neck 1-1021, 965-0275 (Sales only)
NEW YORK: 100-102, 1655 Lafayette Circle	203 585-3421	Buffalo 1-209, 881 W. Main St., 152-153, Erie Ave., Great Neck 1-1021, 965-0275 (Sales only)	516 882-9527	516 882-9527	Buffalo 1-209, 881 W. Main St., 152-153, Erie Ave., Great Neck 1-1021, 965-0275 (Sales only)
NEW YORK: 100-102, 1655 Lafayette Circle	203 585-3421	Buffalo 1-209, 881 W. Main St., 152-153, Erie Ave., Great Neck 1-1021, 965-0275 (Sales only)	516 882-9528	516 882-9528	Buffalo 1-209, 881 W. Main St., 152-153, Erie Ave., Great Neck 1-1021, 965-0275 (Sales only)
NEW YORK: 100-102, 1655 Lafayette Circle	203 585-3421	Buffalo 1-209, 881 W. Main St., 152-153, Erie Ave., Great Neck 1-1021, 965-0275 (Sales only)	516 882-9529	516 882-9529	Buffalo 1-209, 881 W. Main St., 152-153, Erie Ave., Great Neck 1-1021, 965-0275 (Sales only)
NEW YORK: 100-102, 1655 Lafayette Circle	203 585-3421	Buffalo 1-209, 881 W. Main St., 152-153, Erie Ave., Great Neck 1-1021, 965-0275 (Sales only)	516 882-9530	516 882-9530	Buffalo 1-209, 881 W. Main St., 152-153, Erie Ave., Great Neck 1-1021, 965-0275 (Sales only)
NEW YORK: 100-102, 1655 Lafayette Circle	203 585-3421	Buffalo 1-209, 881 W. Main St., 152-153, Erie Ave., Great Neck 1-1021, 965-0275 (Sales only)	516 882-9531	516 882-9531	Buffalo 1-209, 881 W. Main St., 152-153, Erie Ave., Great Neck 1-1021, 965-0275 (Sales only)
NEW YORK: 100-102, 1655 Lafayette Circle	203 585-3421	Buffalo 1-209, 881 W. Main St., 152-153, Erie Ave., Great Neck 1-1021, 965-0275 (Sales only)	516 882-9532	516 882-9532	Buffalo 1-209, 881 W. Main St., 152-153, Erie Ave., Great Neck 1-1021, 965-0275 (Sales only)
NEW YORK: 100-102, 1655 Lafayette Circle	203 585-3421	Buffalo 1-209, 881 W. Main St., 152-153, Erie Ave., Great Neck 1-1021, 965-0275 (Sales only)	516 882-9533	516 882-9533	Buffalo 1-209, 881 W. Main St., 152-153, Erie Ave., Great Neck 1-1021, 965-0275 (Sales only)
NEW YORK: 100-102, 1655 Lafayette Circle	203 585-3421	Buffalo 1-209, 881 W. Main St., 152-153, Erie Ave., Great Neck 1-1021, 965-0275 (Sales only)	516 882-9534	516 882-9534	Buffalo 1-209, 881 W. Main St., 152-153, Erie Ave., Great Neck 1-1021, 965-0275 (Sales only)
NEW YORK: 100-102, 1655 Lafayette Circle	203 585-3421	Buffalo 1-209, 881 W. Main St., 152-153, Erie Ave., Great Neck 1-1021, 965-0275 (Sales only)	516 882-9535	516 882-9535	Buffalo 1-209, 881 W. Main St., 152-153, Erie Ave., Great Neck 1-1021, 965-0275 (Sales only)
NEW YORK: 100-102, 1655 Lafayette Circle	203 585-3421	Buffalo 1-209, 881 W. Main St., 152-153, Erie Ave., Great Neck 1-1021, 965-0275 (Sales only)	516 882-9536	516 882-9536	Buffalo 1-209, 881 W. Main St., 152-153, Erie Ave., Great Neck 1-1021, 965-0275 (Sales only)
NEW YORK: 100-102, 1655 Lafayette Circle	203 585-3421	Buffalo 1-209, 881 W. Main St., 152-153, Erie Ave., Great Neck 1-1021, 965-0275 (Sales only)	516 882-9537	516 882-9537	Buffalo 1-209, 881 W. Main St., 152-153, Erie Ave., Great Neck 1-1021, 965-0275 (Sales only)
NEW YORK: 100-102, 1655 Lafayette Circle	203 585-3421	Buffalo 1-209, 881 W. Main St., 152-153, Erie Ave., Great Neck 1-1021, 965-0275 (Sales only)	516 882-9538	516 882-9538	Buffalo 1-209, 881 W. Main St., 152-153, Erie Ave., Great Neck 1-1021, 965-0275 (Sales only)
NEW YORK: 100-102, 1655 Lafayette Circle	203 585-3421	Buffalo 1-209, 881 W. Main St., 152-153, Erie Ave., Great Neck 1-1021, 965-0275 (Sales only)	516 882-9539	516 882-9539	Buffalo 1-209, 881 W. Main St., 152-153, Erie Ave., Great Neck 1-1021, 965-0275 (Sales only)
NEW YORK: 100-102, 1655 Lafayette Circle	203 585-3421	Buffalo 1-209, 881 W. Main St., 152-153, Erie Ave., Great Neck 1-1021, 965-0275 (Sales only)	516 882-9540	516 882-9540	Buffalo 1-209, 881 W. Main St., 152-153, Erie Ave., Great Neck 1-1021, 965-0275 (Sales only)
NEW YORK: 100-102, 1655 Lafayette Circle	203 585-3421	Buffalo 1-209, 881 W. Main St., 152-153, Erie Ave., Great Neck 1-1021, 965-0275 (Sales only)	516 882-9541	516 882-9541	Buffalo 1-209, 881 W. Main St., 152-153, Erie Ave., Great Neck 1-1021, 965-0275 (Sales only)
NEW YORK: 100-102, 1655 Lafayette Circle	203 585-3421	Buffalo 1-209, 881 W. Main St., 152-153, Erie Ave., Great Neck 1-1021, 965-0275 (Sales only)	516 882-9542	516 882-9542	Buffalo 1-209, 881 W. Main St., 152-153, Erie Ave., Great Neck 1-1021, 965-0275 (Sales only)
NEW YORK: 100-102, 1655 Lafayette Circle	203 585-3421	Buffalo 1-209, 881 W. Main St., 152-153, Erie Ave., Great Neck 1-1021, 965-0275 (Sales only)	516 882-9543	516 882-9543	Buffalo 1-209, 881 W. Main St., 152-153, Erie Ave., Great Neck 1-1021, 965-0275 (Sales only)
NEW YORK: 100-102, 1655 Lafayette Circle	203 585-3421	Buffalo 1-209, 881 W. Main St., 152-153, Erie Ave., Great Neck 1-1021, 965-0275 (Sales only)	516 882-9544	516 882-9544	Buffalo 1-209, 881 W. Main St., 152-153, Erie Ave., Great Neck 1-1021, 965-0275 (Sales only)
NEW YORK: 100-102, 1655 Lafayette Circle	203 585-3421	Buffalo 1-209, 881 W. Main St., 152-153, Erie Ave., Great Neck 1-1021, 965-0275 (Sales only)	516 882-9545	516 882-9545	Buffalo 1-209, 881 W. Main St., 152-153, Erie Ave., Great Neck 1-1021, 965-0275 (Sales only)
NEW YORK: 100-102, 1655 Lafayette Circle	203 585-3421	Buffalo 1-209, 881 W. Main St., 152-153, Erie Ave., Great Neck 1-1021, 965-0275 (Sales only)	516 882-9546	516 882-9546	Buffalo 1-209, 881 W. Main St., 152-153, Erie Ave., Great Neck 1-1021, 965-0275 (Sales only)
NEW YORK: 100-102, 1655 Lafayette Circle	203 585-3421	Buffalo 1-209, 881 W. Main St., 152-153, Erie Ave., Great Neck 1-1021, 965-0275 (Sales only)	516 882-9547	516 882-9547	Buffalo 1-209, 881 W. Main St., 152-153, Erie Ave., Great Neck 1-1021, 965-0275 (Sales only)
NEW YORK: 100-102, 1655 Lafayette Circle	203 585-3421	Buffalo 1-209, 881 W. Main St., 152-153, Erie Ave., Great Neck 1-1021, 965-0275 (Sales only)	516 882-9548	516 882-9548	Buffalo 1-209, 881 W. Main St., 152-153, Erie Ave., Great Neck 1-1021, 965-0275 (Sales only)
NEW YORK: 100-102, 1655 Lafayette Circle	203 585-3421	Buffalo 1-209, 881 W. Main St., 152-153, Erie Ave., Great Neck 1-1021, 965-0275 (Sales only)	516 882-9549	516 882-9549	Buffalo 1-209, 881 W. Main St., 152-153, Erie Ave., Great Neck 1-1021, 965-0275 (Sales only)
NEW YORK: 100-102, 1655 Lafayette Circle	203 585-3421	Buffalo 1-209, 881 W. Main St., 152-153, Erie Ave., Great Neck 1-1021, 965-0275 (Sales only)	516 882-9550	516 882-9550	Buffalo 1-209, 881 W. Main St., 152-153, Erie Ave., Great Neck 1-1021, 965-0275 (Sales only)
NEW YORK: 100-102, 1655 Lafayette Circle	203 585-3421	Buffalo 1-209, 881 W. Main St., 152-153, Erie Ave., Great Neck 1-1021, 965-0275 (Sales only)	516 882-9551	516 882-9551	Buffalo 1-209, 881 W. Main St., 152-153, Erie Ave., Great Neck 1-1021, 965-0275 (Sales only)
NEW YORK: 100-102, 1655 Lafayette Circle	203 585-3421	Buffalo 1-209, 881 W. Main St., 152-153, Erie Ave., Great Neck 1-1021, 965-0275 (Sales only)	516 882-9552	516 882-9552	Buffalo 1-209, 881 W. Main St., 152-153, Erie Ave., Great Neck 1-1021, 965-0275 (Sales only)
NEW YORK: 100-102, 1655 Lafayette Circle	203 585-3421	Buffalo 1-209, 881 W. Main St., 152-153, Erie Ave., Great Neck 1-1021, 965-0275 (Sales only)	516 882-9553	516 882-9553	Buffalo 1-209, 881 W. Main St., 152-153, Erie Ave., Great Neck 1-1021, 965-0275 (Sales only)
NEW YORK: 100-102, 1655 Lafayette Circle	203 585-3421	Buffalo			

LUBRICATION

Your tool was properly lubricated before leaving the factory. In from two to six months, depending upon use, take or send your tool to a Black & Decker Service Center, or Authorized Service Station, for a complete cleaning, inspection and relubrication. Tools used constantly on production jobs will need relubricating more often. Also, tools "out of service" for long periods should be relubricated before being put back to work.

CLEANING

With the unit motor running, blow dirt and dust out of all air vents with dry air at least once a week. Use safety glasses when doing this.

ACCESSORIES

Your Tool will handle a wide variety of bits and other fastening accessories. Some of these are listed below, but for the very many other types and sizes of accessories please see your Black and Decker Distributor, or refer to Black and Decker Industrial Catalog.

A. SQUARE DRIVE SHANKS —



1/4" HEX DRIVE SHANK

No. 20510 2" Overall Length, For 1/4" Square Drive Sockets

No. 20511 6" Overall Length, For 1/4" Square Drive Sockets

B. PHILLIPS HEAD BITS —



1/4" HEX DRIVE SHANKS

No. 54595 No. 1 Point, 1-15/16" Overall Length

No. 54592 No. 2 Point, 1-15/16" Overall Length

No. 54594 No. 3 Point, 1-15/16" Overall Length

C. BIT TIP HOLDERS —



1/4" HEX DRIVE SHANKS

No. 61108 Non-Magnetic, For 1/4" Bit Tips

No. 63957 Magnetic, For 1/4" Bit Tips

BLACK & DECKER ADJUSTABLE CLUTCH SCREWDRIVER OUTPUT CHART

(OPTIONAL CLUTCHES AVAILABLE THROUGH B&D SERVICE CENTERS)

CAT. NO.	RPM	CLUTCH ASSEMBLY	HARD JOINT*	SOFT JOINT**
			TORQUE (IN-LB)	TORQUE (IN-LB)
2056	600	Standard 91142-01	35-150	18-140
		Optional 91142-00	8-40	5-24
		Optional 91142-02	5-17	5-15
2064	800	Standard 91142-01	35-150	18-140
		Optional 91142-00	8-40	5-24
		Optional 91142-02	5-17	5-15
2063	2500	Standard 91142-00	20-56	7-40
		Optional 91142-02	5-30	5-18

*Metal to metal fastening. A "slamming home" of the fastener.

**Wood screwing. "Gathering" or "Drawing Up" fastening operations.

CAPACITY

These Scruguns can use practically every type of fastening accessory (bits, bit tip holders, shanks for sockets, etc.) with a 1/4" hex shank.

Two nose pieces are furnished with Depth Sensitive Models (Except Cat. Nos. 2035 & 2036). They will accept Hex Shank Bit Tip Holders, Nut Setters, and Hex Shank Insert Bits for the following screw types: Phillips, Frearson, Reed & Prince, Phillips Pozidriv, Socket Head, and Cap Screws. The smaller nose piece accepts these accessories in diameters up to 1/2"; the larger nose piece handles diameters up to 5/8"; Slotted head screws cannot be driven with the depth sensitive mechanism.

FOR CAT. NO. 2056—Factory preset clutch assures 60 in. lbs. of torque for fast installation of NO HUB® couplings.

1/4" HEX DRIVE NUTSETTERS

CAT.	TYPE	SOCKET	LENGTH
61105	Non-Mag	1/4"	2-9/16"
61106	Non-Mag	5/16"	2-9/16"
61107	Non-Mag	3/8"	2-9/16"
65876	Magnetic	1/4"	2-9/16"
65877	Magnetic	5/16"	2-9/16"
65878	Magnetic	3/8"	2-9/16"

1/4" HEX BIT TIPS

D.	No. 38403 Phillips, No. 1 Point No. 38404 Phillips, No. 2 Point No. 38405 Phillips, No. 3 Point
E.	No. 61102 Phillips Pozedriv®, No. 2 Point No. 61104 Phillips Pozedriv®, No. 3 Point
F.	No. 38406 Frearson Type (Reed & Prince)

SOCKETS (Use with Square Drive Shanks)

G.	Cat. No.	Type	Hex Size	Diam.
	20512	Non-Mag.	1/4"	1/2"
	20514	Non-Mag.	5/16"	1/2"
	20516	Non-Mag.	3/8"	9/16"
	38420	Magnetic	1/4"	7/16"
	38422	Magnetic	5/16"	1/2"
	38424	Magnetic	3/8"	9/16"

CAUTION: Recommended accessories for use with your Scrugun are shown on this page, and in the Black & Decker Industrial Catalog. The use of any other accessory or attachment might be hazardous.

NOSE PIECES

FOR CAT. NO. 2060 SCRUGUN WHICH PROVIDE CLEARANCE NEEDED FOR USING 1/4", 5/16", 3/8" NUTSETTERS.

AVAILABLE FROM B&D SERVICE CENTERS.

90863 7/16" ID for 1/4 Hex Head Screws
87919 1/2" ID for 5/16" Hex Head Screws
87918 9/16" ID for 3/8" Hex Head Screws

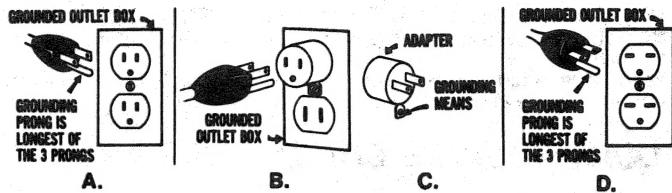
SAFETY RULES FOR POWER TOOLS

1. **KNOW YOUR POWER TOOL** — Read owner's manual carefully. Learn its applications and limitations as well as the specific potential hazards peculiar to this tool.
2. **GROUND ALL TOOLS — UNLESS DOUBLE-INSULATED.** If tool is equipped with three-prong plug, it should be plugged into a three-hole electrical receptacle. If adapter is used to accommodate two-prong receptacle, the adapter wire must be attached to a known ground. Never remove third prong.
3. **KEEP WORK AREA CLEAN.** Cluttered areas and benches invite accidents.
4. **AVOID DANGEROUS ENVIRONMENT.** Don't expose power tools to rain. Don't use power tool in damp or wet locations. And keep work area well lit.
5. **KEEP CHILDREN AWAY.** All visitors should be kept safe distance from work area.
6. **STORE IDLE TOOLS.** When not in use, tools should be stored in dry, high or locked-up place — out of reach of children.
7. **DON'T FORCE TOOL.** It will do the job better and safer at the rate for which it was designed.
8. **USE RIGHT TOOL.** Don't force small tool or attachment to do the job of a heavy duty tool.
9. **WEAR PROPER APPAREL.** No loose clothing or jewelry to get caught in moving parts. Rubber gloves and footwear are recommended when working outdoors.
10. **USE SAFETY GLASSES** with most tools. Also face or dust mask if cutting operation is dusty.
11. **DON'T ABUSE CORD.** Never carry tool by cord or yank it to disconnect from receptacle. Keep cord from heat, oil and sharp edges.
12. **SECURE WORK.** Use clamps or a vise to hold work. It's safer than using your hand and it frees both hands to operate tool.
13. **DON'T OVERREACH.** Keep proper footing and balance at all times.
14. **MAINTAIN TOOLS WITH CARE.** Keep tools sharp, at all times, and clean for best and safest performance. Follow instructions for lubricating and changing accessories.
15. **DISCONNECT TOOLS.** When not in use, before servicing; when changing accessories such as blades, bits, cutters, etc.
16. **REMOVE ADJUSTING KEYS AND WRENCHES.** Form habit of checking to see that keys and adjusting wrenches are removed from tool before turning it on.
17. **AVOID ACCIDENTAL STARTING.** Don't carry plugged-in tool with finger on switch. Be sure switch is off when plugging in.
18. **OUTDOOR USE EXTENSION CORDS.** When tool is used outdoors, use only extension cords suitable for use outdoors and so marked.
19. **DO NOT OPERATE** portable electric tools in gaseous or explosive atmospheres. Motors in these tools normally spark, and the sparks might ignite fumes.

GROUNDING

This tool should be grounded while in use to protect the operator from electric shock. The tool is equipped with an approved three-conductor cord and three-prong grounding type plug to fit the proper grounding type receptacle. The green (or green and yellow) conductor in the cord is the grounding wire. Never connect the green (or green and yellow) wire to a live terminal. If your unit is for use on less than 150 volts, it has a plug like that shown in Figure A. If it is for use on 150 to 250 volts, it has a plug like that shown in Figure D. An adapter, Figures B and C, is available for connecting Figure A plugs to two-prong receptacles. The green-colored rigid ear, lug, etc., must be connected to a permanent ground such as a properly grounded outlet box. No adapter is available for a plug as shown in Figure D. Adapter shown in Figures B & C is Not for Use in Canada.

GROUNDING (continued)



We recommend that you **NEVER** disassemble the tool or try to do any rewiring in the electrical system. Any repairs should be performed only by B&D Service Centers or other qualified service organizations. Should you be determined to make a repair yourself, remember that the green colored wire is the "grounding" wire. Never connect this green wire to a "live" terminal. If you replace the plug on the power cord, be sure to connect the green wire only to the grounding (longest) prong on a 3-prong plug.

MOTOR

Your Black and Decker tool is powered by a B&D-built motor. Be sure your power supply agrees with voltage marked on nameplate. Volts 50/60 Hz means Alternating Current **ONLY**. VOLTS DC-60 Hz means it will also operate on Direct Current. Voltage variation of more than 10% will cause loss of power and over-heating. All B&D tools are factory-tested; if this tool does not operate, check the power supply.

MOTOR BRUSHES

To inspect the carbon motor brushes, unplug the tool and remove the triangular brush inspection plates above the handle. The brushes should be replaced at a B&D Service Center if they are worn down to the groove or mark on the side of the brush. Brushes should be kept clean so that they slide freely in their guides. Brush springs must exert sufficient pressure to hold brush against motor commutator.

EXTENSION CORD

When using the tool at a considerable distance from power source, a 3-conductor, grounding-type extension cord of adequate size must be used for safety, and to prevent loss of power and over-heating. Use the table below to determine minimum wire size required.

Use only three wire extension cords which have three-prong grounding-type plugs and three-pole receptacles which accept the tool's plug. Replace or repair damaged cords.

Ampera rating (on nameplate)	0 to 2.0	2.10 to 3.4	3.5 to 5.0	5.10 to 7.0	7.10 to 12.0	12.1 to 16.0
Ext. Cable length	Wire Size (A.W.G.)					
25 ft.	18	18	18	18	16	14
50 ft.	18	18	18	16	14	12
75 ft.	18	18	16	14	12	10
100 ft.	18	16	14	12	10	—
150 ft.	16	14	12	12	—	—
200 ft.	16	14	12	10	—	—

SWITCHES

Pulling the Trigger Switch turns the tool "ON"; releasing the trigger turns the tool "OFF". To lock switch "ON", depress trigger, hold in locking button, and release trigger. Release button and tool will stay "ON". Then to turn tool "OFF", depress and release trigger. The Reversing Lever is located just above the trigger. Push this lever to the left for driving fasteners. Pushing the lever to the right reverses the motor rotation—for removing fasteners. The trigger switch must be released to the "OFF", position before using the reversing lever.

For maximum tool life avoid excessive reverse operation. For those operations where the tool is used primarily in reverse, see your Black and Decker Distributor or Black and Decker Service Center for tool alteration.

VARIABLE SPEED TRIGGER

The Variable Speed Trigger Switch permits "FREE HAND" speed control — the farther the trigger is depressed, the higher speed of the tool. For maximum tool life, use lower speed only for starting the fastener. Continuous use at lower speeds is not recommended.

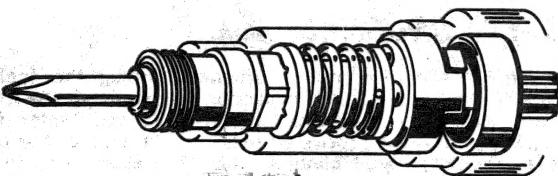
QUICK-CHANGE CHUCK (Ball Lock)

The quick-change chuck permits positive locking of the hexagonal bit shank in the chuck. It also permits quick insertion, removal or changing of this bit shank. Merely pull out the spring-loaded nose sleeve, and hold sleeve out while removing or inserting bits. Release the sleeve and an inserted bit is held firmly for driving or removing fasteners. This chuck is used on all models except Depth Sensitive Models.

OPERATION—CLUTCHES

In all Black and Decker Scraguns, a clutch provides a "dead" or stationary front spindle to permit the driving accessory to "locate" the screw slot or nut. Forward pressure then engages the clutch and drives the fastener.

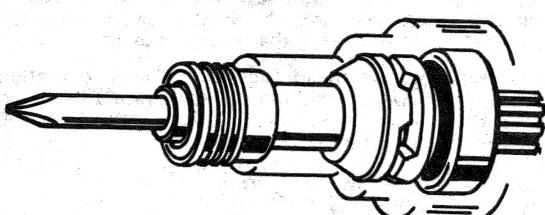
ADJUSTABLE CLUTCH— The adjustable clutch mechanism allows the operator to drive a series of fasteners to a pre-set uniform torque. Torque output is controlled mechanically by a spring loaded clutch mechanism and operator pressure on the tool has no effect on output. The adjustable clutch mechanism is also provided with a dead spindle so that complete release of pressure on unit will disengage output spindle.



To adjust the clutch:

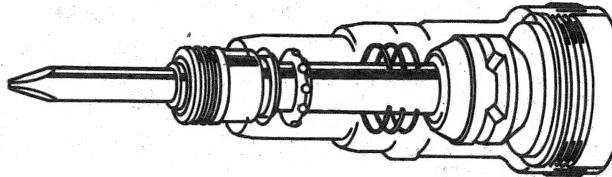
1. Unscrew clutch housing from gear case (left hand thread).
2. Slip clutch housing off of clutch assembly.
3. Remove clutch assembly from unit.
4. Insert $\frac{1}{4}$ " allen wrench into output shaft (or insert hex bit into output shaft and clamp bit in vise.)
5. Rotate adjusting nut to compress clutch spring to increase torque setting or in opposite direction to reduce torque setting.
6. **CAUTION:** Clutch may lock up at high torque setting. If this happens the high limits of the clutch has been exceeded and it will be necessary to reduce setting to a point that permits clutch to operate. Operate clutch manually before reassembly to insure that operating limit has not been exceeded.
7. Reassemble clutch on unit, slip clutch housing over clutch, and thread onto gear case hand tight.

POSITIVE CLUTCH—With this clutch, sufficient forward pressure is maintained on the unit, while driving, to keep the clutch jaws engaged. Depth Sensitive Models disengage the clutch jaws at the screw depth desired. With Positive Clutch models, a slight easing of forward pressure when the fastener has been driven home will permit the clutch jaws to disengage. If a tighter seating is desired, additional forward pressure will cause the clutch jaws to ratchet and the resultant hammering action will further tighten the fastener.



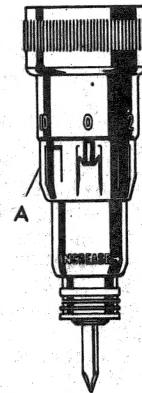
OPERATION—CLUTCHES (Continued)

VERSA-CLUTCH—This clutch is very similar in action to the positive clutch units except with the added feature of adjustable engagement of the clutch jaws. This enables a much greater range of fastener sizes to be driven without the danger of stripout or twist off.



To Adjust The Clutch Engagement:

1. Pull collar ("A" in Figure at right) forward until collar lugs come out of engagement with holes in clutch housing.
2. Rotate collar and adjustable stop together in the desired direction to increase or decrease the amount of clutch engagement.

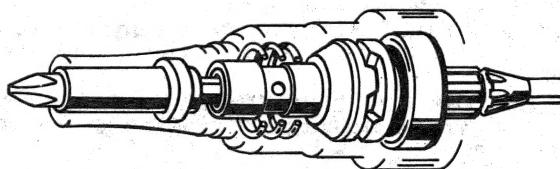


NOTE: Numbers on clutch housing and indicator line on locator collar do not represent any preset value. The depth of engagement is approximately .004" between holes or .008" from number to number.

3. Test drive a screw into a piece of scrap to check setting.
4. If necessary, readjust to obtain desired setting.

DEPTH SENSITIVE MODELS

These units permit quick and easy adjustment for seating fasteners uniformly to the proper depth without shearing or striping. Bits are inserted into the hexagonal holder in the locator by pushing on the bit.



To adjust the Depth Sensitive Mechanism:

1. Pull collar ("A" in figure at right) forward until collar lugs come out of engagement with holes in clutch housing.
2. Rotate collar in proper direction until tip of bit or socket is protruding slightly in front of locator (locator rotates with collar).
3. Release collar to engage projections in holes in clutch housing.
4. Test drive a screw into a piece of scrap to check setting.
5. If necessary, readjust to obtain desired setting (depth adjustment is approximately .004" between each hole position).

